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DATE: Thursday, April 21, 2005

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	L1 with (mammalian or human or rat or mouse or murine)	9
<input type="checkbox"/>	L1	serine adj3 racemase	39

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**Search Results - Record(s) 1 through 9 of 9 returned.**☐ 1. Document ID: US 20040018206 A1**Using default format because multiple data bases are involved.**

L2: Entry 1 of 9

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040018206

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040018206 A1

TITLE: Cloning, sequencing and expression of a gene encoding an eukaryotic amino acid racemase, and diagnostic, therapeutic, and vaccination applications of parasite and viral mitogens

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Minoprio, Paola	Villiers S/Marne		FR	
Arala-Chaves, Mario	Ovar		PT	
Arala-Chaves, Mario	Lisboa		PT	
Coutinho, Antonio	Paris		FR	
San Martin, Bernardo Reina	Gentilly		MX	
Rougeot, Catherine	Chevreuse		FR	
Degrave, Wim	Bagneu		FR	
Cosson, Alain	Neuilly S/Marne		FR	

US-CL-CURRENT: [424/186.1](#); [435/320.1](#), [435/325](#), [435/456](#), [435/69.3](#), [530/350](#), [536/23.72](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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☐ 2. Document ID: US 20030212262 A1

L2: Entry 2 of 9

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030212262 A1

TITLE: Human serine racemase

PUBLICATION-DATE: November 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Connolly, Thomas M	Lansdale	PA	US	
Liu, Yuan	Lansdale	PA	US	
Xia, Menghang	Blue Bell	PA	US	

US-CL-CURRENT: 536/23.2; 435/106, 435/233, 435/320.1, 435/325, 435/6, 435/69.1,  
800/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 3. Document ID: US 20030175941 A1

L2: Entry 3 of 9

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175941  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030175941 A1

TITLE: Regulation of human serine racemase enzyme

PUBLICATION-DATE: September 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ramakrishnan, Shyam	Brighton	MA	US	

US-CL-CURRENT: 435/233; 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 4. Document ID: US 20030064439 A1

L2: Entry 4 of 9

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064439  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030064439 A1

TITLE: Novel nucleic acid sequences encoding melanoma associated antigen molecules, aminotransferase molecules, ATPase molecules, acyltransferase molecules, pyridoxal-phosphate dependant enzyme molecules and uses therefor

PUBLICATION-DATE: April 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bandaru, Rajasekhar	Watertown	MA	US	
Glucksmann, Maria Alexandra	Lexington	MA	US	
Meyers, Rachel E.	Newton	MA	US	

Rudolph-Owen, Laura A. Jamaica Plain MA US

US-CL-CURRENT: [435/69.1](#); [435/193](#), [435/320.1](#), [435/325](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 5. Document ID: US 20020115137 A1

L2: Entry 5 of 9

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115137

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115137 A1

TITLE: 22406, a novel human pyridoxal-phosphate dependent enzyme family member and uses therefor

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel A.	Newton	MA	US	
Rudolph-Owen, Laura A.	Jamaica Plain	MA	US	

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 6. Document ID: US 6713617 B2

L2: Entry 6 of 9

File: USPT

Mar 30, 2004

US-PAT-NO: 6713617

DOCUMENT-IDENTIFIER: US 6713617 B2

**\*\* See image for Certificate of Correction \*\***

TITLE: Cloning, sequencing and expression of a gene encoding an eukaryotic amino acid racemase, and diagnostic, therapeutic, and vaccination applications of parasite and viral mitogens

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 7. Document ID: US 6458576 B1

L2: Entry 7 of 9

File: USPT

Oct 1, 2002

US-PAT-NO: 6458576

DOCUMENT-IDENTIFIER: US 6458576 B1

TITLE: 22406, a novel human pyridoxal-phosphate dependent enzyme family member and

uses therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 8. Document ID: WO 200160987 A1, AU 200141583 A, US 20020115137 A1, US 6458576 B1

L2: Entry 8 of 9

File: DWPI

Aug 23, 2001

DERWENT-ACC-NO: 2001-529909

DERWENT-WEEK: 200427

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TITLE: Novel polypeptide of the human pyridoxal phosphate dependent family useful in screening and detection assays and for treatment, e.g. of epilepsy and Alzheimer's

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 9. Document ID: MX 2001007310 A1, WO 200043526 A1, AU 200024135 A, NO 200103557 A, EP 1147203 A1, BR 200007592 A, KR 2001103740 A, HU 200105035 A2, JP 2002534984 W

L2: Entry 9 of 9

File: DWPI

May 1, 2002

DERWENT-ACC-NO: 2000-482915

DERWENT-WEEK: 200368

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TITLE: Mammalian serine racemase preparations, used to identify modulators which can be used to treat diseases associated with N-methyl-D-aspartate receptor overactivation, e.g. Alzheimer's disease

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 with (mammalian or human or rat or mouse or murine)	9

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NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks  
(ROSPATENT) added to list of core patent offices covered  
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data from INPADOC  
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NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced  
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
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NEWS 14 APR 04 EPFULL enhanced with additional patent information and new  
fields  
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced  
NEWS 16 APR 18 New CAS Information Use Policies available online  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
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=> S SERINE (3W) RACEMASE

L1 454 SERINE (3W) RACEMASE

=> S L1 (5A) (MAMMALIAN OR HUMAN OR RAT OR MOUSE OR MURINE)

3 FILES SEARCHED...

5 FILES SEARCHED...

9 FILES SEARCHED...

L2 87 L1 (5A) (MAMMALIAN OR HUMAN OR RAT OR MOUSE OR MURINE)

=> DUP REM L2

PROCESSING COMPLETED FOR L2

L3 24 DUP REM L2 (63 DUPLICATES REMOVED)

=> D 1-10

L3 ANSWER 1 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:315642 HCAPLUS

TI Differentially expressed genes in human breast cancer and their diagnostic and therapeutic uses

IN Munnes, Marc; Bojar, Hans

PA Bayer Healthcare Ag, Germany

SO Eur. Pat. Appl., 542 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1522594	A2	20050413	EP 2004-15374	20040630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRAI	EP 2003-22587	A	20031006		

L3 ANSWER 2 OF 24 MEDLINE on STN

DUPLICATE 1

AN 2005081031 IN-PROCESS

DN PubMed ID: 15710237

TI Regulation of serine racemase activity by amino acids.

AU Dunlop David S; Neidle Amos

CS Nathan Kline Institute for Psychiatric Research, 140 Old Orangeburg Road, Orangeburg, NY 10962, USA.. Dunlop@nki.rfmh.org

SO Brain research. Molecular brain research, (2005 Feb 18) 133 (2) 208-14.

Journal code: 8908640. ISSN: 0169-328X.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS NONMEDLINE; IN-PROCESS; NONINDEXED; Priority Journals  
 ED Entered STN: 20050216  
 Last Updated on STN: 20050319

L3 ANSWER 3 OF 24 MEDLINE on STN DUPLICATE 2  
 AN 2004171885 MEDLINE  
 DN PubMed ID: 15066209  
 TI \*\*\*Serine\*\*\* \*\*\*racemase\*\*\* expression in \*\*\*mouse\*\*\* cerebral  
 cortex after permanent focal cerebral ischemia.  
 AU Wang Li-zhen; Zhu Xin-zu  
 CS Department of Pharmacology, Shanghai Institute of Materia Medica, Shanghai  
 Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai  
 201203, China.  
 SO Acta pharmacologica Sinica, (2004 Apr) 25 (4) 436-41.  
 Journal code: 100956087. ISSN: 1671-4083.  
 CY China  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200408  
 ED Entered STN: 20040407  
 Last Updated on STN: 20040811  
 Entered Medline: 20040810

L3 ANSWER 4 OF 24 MEDLINE on STN DUPLICATE 3  
 AN 2004319347 MEDLINE  
 DN PubMed ID: 15219883  
 TI \*\*\*Serine\*\*\* \*\*\*racemase\*\*\* and D-serine transport in  
 \*\*\*human\*\*\* placenta and evidence for a transplacental gradient for  
 D-serine in humans.  
 AU Chen Zhong; Huang Wei; Srinivas Sonne R; Jones Chandra R; Ganapathy  
 Vadivel; Prasad Puttur D  
 CS Department of Biochemistry and Molecular Biology, Medical College of  
 Georgia, 1120 Laney Walker Boulevard, Augusta, GA 30912-2100, USA.  
 SO Journal of the Society for Gynecologic Investigation, (2004 Jul) 11 (5)  
 294-303.  
 Journal code: 9433806. ISSN: 1071-5576.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200503  
 ED Entered STN: 20040629  
 Last Updated on STN: 20050308  
 Entered Medline: 20050307

L3 ANSWER 5 OF 24 MEDLINE on STN DUPLICATE 4  
 AN 2004408040 MEDLINE  
 DN PubMed ID: 15312798  
 TI Schwann cell and epineural fibroblast expression of serine racemase.  
 AU Wu Shengzhou; Barger Steven W; Sims Terry J  
 CS Department of Neurobiology and Developmental Science, University of  
 Arkansas for Medical Sciences, 4301 West Markham Street Slot 510, Little  
 Rock, AR 72205, USA.  
 NC P01AG12411 (NIA)  
 R01AG17498 (NIA)  
 SO Brain research, (2004 Sep 10) 1020 (1-2) 161-6.  
 Journal code: 0045503. ISSN: 0006-8993.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200412  
 ED Entered STN: 20040818  
 Last Updated on STN: 20041221  
 Entered Medline: 20041220



L3 ANSWER 6 OF 24 MEDLINE on STN DUPLICATE 5  
 AN 2004292554 MEDLINE  
 DN PubMed ID: 15193426  
 TI Characterization and localization of a \*\*\*human\*\*\* \*\*\*serine\*\*\*  
 \*\*\*racemase\*\*\*  
 AU Xia Menghang; Liu Yuan; Figueroa David J; Chiu Chi-Sung; Wei Nan; Lawlor  
 Ann-Marie; Lu Ping; Sur Cyrille; Koblan Ken S; Connolly Thomas M  
 CS Merck Research Laboratory, Department of Molecular Pharmacology, Merck and  
 Co., Inc., 770 Summeytown Pike, West Point, PA 19486, USA..  
 Menghang\_xia@merck.com  
 SO Brain research. Molecular brain research, (2004 Jun 18) 125 (1-2) 96-104.  
 Journal code: 8908640. ISSN: 0169-328X.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200410  
 ED Entered STN: 20040615  
 Last Updated on STN: 20041013  
 Entered Medline: 20041012

L3 ANSWER 7 OF 24 MEDLINE on STN DUPLICATE 6  
 AN 2004430399 MEDLINE  
 DN PubMed ID: 15337321  
 TI Distribution and MK-801-induced expression of \*\*\*serine\*\*\*  
 \*\*\*racemase\*\*\* mRNA in \*\*\*rat\*\*\* brain by real-time quantitative  
 PCR.  
 AU Yoshikawa Masanobu; Kobayashi Tomomi; Oka Tetsuo; Kawaguchi Mitsuru;  
 Hashimoto Atsushi  
 CS Department of Pharmacology, School of Medicine, Tokai University, Isehara,  
 Kanagawa 259-1143, Japan.  
 SO Brain research. Molecular brain research, (2004 Sep 10) 128 (1) 90-4.  
 Journal code: 8908640. ISSN: 0169-328X.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200502  
 ED Entered STN: 20040901  
 Last Updated on STN: 20050216  
 Entered Medline: 20050214

L3 ANSWER 8 OF 24 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2004:951573 SCISEARCH  
 GA The Genuine Article (R) Number: 850LS  
 TI Effect of ethanol on expression of \*\*\*serine\*\*\* \*\*\*racemase\*\*\* in  
 cultured \*\*\*rat\*\*\* astrocytes  
 AU Leonardi-Essmann F (Reprint); Gebicke-Haerter P J; Spanagel R  
 CS Cent Inst Mental Hlth, Dept Psychopharmacol, D-68159 Mannheim, Germany  
 CYA Germany  
 SO ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH, (AUG 2004) Vol. 28, No. 8,  
 Supp. [S], pp. 38A-38A.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
 19106-3621 USA.  
 ISSN: 0145-6008.  
 DT Conference; Journal  
 LA English  
 REC Reference Count: 0

L3 ANSWER 9 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2003:810692 HCAPLUS  
 DN 140:3108  
 TI Spatiotemporal relationships among D-serine, serine racemase, and D-amino  
 acid oxidase during mouse postnatal development  
 AU Wang, Li-Zhen; Zhu, Xing-Zu  
 CS Department of Pharmacology, Institute of Materia Medica, Institutes for  
 Biological Sciences, Chinese Academy of Sciences, Shanghai, 200031, Peop.  
 Rep. China  
 SO Acta Pharmacologica Sinica (2003), 24(10), 965-974  
 CODEN: APSCG5; ISSN: 1671-4083

PB Science Press  
DT Journal  
LA English  
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:254664 HCAPLUS  
TI Topics. D- \*\*\*serine\*\*\* and \*\*\*serine\*\*\* \*\*\*racemase\*\*\* exist  
in \*\*\*mammalian\*\*\* brain  
AU Yoshimura, Toru  
CS Institute for Chemical Research, Kyoto University, Japan  
SO Bitamin (2003), 77(3), 163-164  
CODEN: BTMNA7; ISSN: 0006-386X  
PB Nippon Bitamin Gakkai  
DT Journal  
LA Japanese

=> D 11-20

L3 ANSWER 11 OF 24 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN  
AN 2003219534 EMBASE  
TI Schizophrenia: Attention deficits and the NMDA hypothesis.  
AU Lane H.-Y.; Lu T.-T.; Chang W.-H.  
CS W.-H. Chang, Department of Psychiatry, Tzu Chi University, Chung Yang  
Road, Hualien, Taiwan, Province of China  
SO Tzu Chi Medical Journal, (2003) Vol. 15, No. 3, pp. 141-148.  
Refs: 93  
ISSN: 1016-3190 CODEN: CYZAFG  
CY Taiwan, Province of China  
DT Journal; General Review  
FS 005 General Pathology and Pathological Anatomy  
032 Psychiatry  
037 Drug Literature Index  
038 Adverse Reactions Titles  
LA English  
SL English; Chinese  
ED Entered STN: 20030612  
Last Updated on STN: 20030612

L3 ANSWER 12 OF 24 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2004:161337 BIOSIS  
DN PREV200400159359  
TI \*\*\*Mouse\*\*\* \*\*\*serine\*\*\* \*\*\*racemase\*\*\* : Gene structure and  
expression.  
AU Konno, Ryuichi; Akimitsu, Nobuyoshi; Hamase, Kenji; Sekimizu, Kazuhisa  
SO Amino Acids (Vienna), (September 2003) Vol. 25, No. 2, pp. 138. print.  
Meeting Info.: 8th International Congress on Amino Acids and Proteins.  
Rome, Italy. September 05-09, 2003.  
ISSN: 0939-4451.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 24 Mar 2004  
Last Updated on STN: 24 Mar 2004

L3 ANSWER 13 OF 24 MEDLINE on STN DUPLICATE 7  
AN 2003408324 MEDLINE  
DN PubMed ID: 12946565  
TI \*\*\*Rat\*\*\* cerebral \*\*\*serine\*\*\* \*\*\*racemase\*\*\* : amino acid  
deletion and truncation at carboxy terminus.  
AU Konno Ryuichi  
CS Department of Microbiology, Dokkyo University School of Medicine, Mibu,  
321-0293 Tochigi, Japan.. konno@dokkyomed.ac.jp  
SO Neuroscience letters, (2003 Oct 2) 349 (2) 111-4.  
Journal code: 7600130. ISSN: 0304-3940.  
CY Ireland  
DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 200310  
ED Entered STN: 20030830  
Last Updated on STN: 20031024  
Entered Medline: 20031023

L3 ANSWER 14 OF 24 MEDLINE on STN DUPLICATE 8  
AN 2003059525 MEDLINE  
DN PubMed ID: 12560076  
TI \*\*\*Mouse\*\*\* brain \*\*\*serine\*\*\* \*\*\*racemase\*\*\* catalyzes  
specific elimination of L-serine to pyruvate.  
AU Strisovsky Kvido; Jiraskova Jana; Barinka Cyril; Majer Pavel; Rojas  
Camilo; Slusher Barbara S; Konvalinka Jan  
CS Institute of Organic Chemistry and Biochemistry, Academy of Sciences of  
the Czech Republic, Flemingovo n.2, Praha 6, 166 10, Czech Republic..  
kvido.strisovsky@uochb.cas.cz  
SO FEBS letters, (2003 Jan 30) 535 (1-3) 44-8.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200303  
ED Entered STN: 20030207  
Last Updated on STN: 20030322  
Entered Medline: 20030321

L3 ANSWER 15 OF 24 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
AN 2004:204311 BIOSIS  
DN PREV200400204854  
TI Decreased serum levels of <smcap>D</smcap> - serine in the patients with  
schizophrenia: evidence in support of NMDA receptor hypofunction  
hypothesis of schizophrenia.  
AU Hashimoto, K. [Reprint Author]; Fukushima, T.; Shimizu, E. [Reprint  
Author]; Komatsu, N. [Reprint Author]; Watanabe, H. [Reprint Author];  
Shinoda, N. [Reprint Author]; Nakazato, M. [Reprint Author]; Kumakiri, C.  
[Reprint Author]; Okada, S. [Reprint Author]; Imai, K.; Iyo, M. [Reprint  
Author]  
CS Psychiatry-Grad. Sch. Med, Chiba Univ, Chiba, Japan  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)  
Vol. 2003, pp. Abstract No. 754.8. <http://sfn.scholarone.com>. e-file.  
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 14 Apr 2004  
Last Updated on STN: 14 Apr 2004

L3 ANSWER 16 OF 24 MEDLINE on STN DUPLICATE 9  
AN 2003085161 MEDLINE  
DN PubMed ID: 12596860  
TI Gene cloning, purification, and characterization of 2,3-diaminopropionate  
ammonia-lyase from Escherichia coli.  
AU Uo Takuma; Yoshimura Tohru; Nishiyama Tozo; Esaki Nobuyoshi  
CS Institute for Chemical Research, Kyoto University, Uji, Kyoto 611-0011,  
Japan.  
SO Bioscience, biotechnology, and biochemistry, (2002 Dec) 66 (12) 2639-44.  
Journal code: 9205717. ISSN: 0916-8451.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200308  
ED Entered STN: 20030225  
Last Updated on STN: 20030813  
Entered Medline: 20030812

L3 ANSWER 17 OF 24 MEDLINE on STN DUPLICATE 10

AN 2003008845 MEDLINE  
 DN PubMed ID: 12515328  
 TI Allosteric regulation of \*\*\*mouse\*\*\* brain \*\*\*serine\*\*\*  
 . \*\*\*racemase\*\*\*  
 AU Neidle Amos; Dunlop David S  
 CS Division of Neurochemistry, Nathan Kline Institute for Psychiatric  
 Research, Orangeburg, New York 10962, USA.  
 SO Neurochemical research, (2002 Dec) 27 (12) 1719-24.  
 Journal code: 7613461. ISSN: 0364-3190.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200303  
 ED Entered STN: 20030108  
 Last Updated on STN: 20030326  
 Entered Medline: 20030325

L3 ANSWER 18 OF 24 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
 DUPLICATE 11  
 AN 2002-00344 BIOTECHDS  
 TI Novel polypeptide of the human pyrodoxal phosphate dependent family  
 useful in screening and detecting assays and for treatment, e.g. of  
 epilepsy and Alzheimer's;  
 vector expression in host cell for recombinant protein gene production  
 useful in gene therapy and drug screening  
 AU Meyers R A; Rudolph-Owen L A  
 PA Millennium-Pharm.  
 LO Cambridge, MA, USA.  
 PI WO 2001060987 23 Aug 2001  
 AI WO 2001-US5365 20 Feb 2001  
 PRAI US 2000-183208 17 Feb 2000  
 DT Patent  
 LA English  
 OS WPI: 2001-529909 [58]

L3 ANSWER 19 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 12  
 AN 2001:748034 HCAPLUS  
 DN 135:300497  
 TI Cloning, sequence and drug screening use of \*\*\*human\*\*\* \*\*\*serine\*\*\*  
 \*\*\*racemase\*\*\*  
 IN Connolly, Thomas; Liu, Yuan; Xia, Menghang  
 PA Merck & Co., Inc., USA  
 SO PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001075144	A1	20011011	WO 2001-US10662	20010402
	W: CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	CA 2405147	AA	20011011	CA 2001-2405147	20010402
	EP 1272656	A1	20030108	EP 2001-924599	20010402
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2003529371	T2	20031007	JP 2001-573018	20010402
	US 2003212262	A1	20031113	US 2002-240800	20021003
PRAI	US 2000-194451P	P	20000404		
	WO 2001-US10662	W	20010402		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2001:731044 HCAPLUS  
 DN 135:284084  
 TI Cloning, sequencing and regulation of \*\*\*human\*\*\* \*\*\*serine\*\*\*  
 \*\*\*racemase\*\*\*  
 IN Ramakrishnan, Shyam

PA Bayer Aktiengesellschaft, Germany  
 SO PCT Int. Appl., 66 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001073077	A2	20011004	WO 2001-EP3668	20010330
	WO 2001073077	A3	20021003		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1272646	A2	20030108	EP 2001-923705	20010330
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2003175941	A1	20030918	US 2003-240466	20030512
PRAI	US 2000-193748P	P	20000331		
	US 2000-194249P	P	20000403		
	WO 2001-EP3668	W	20010330		

=> D 21-24

L3 ANSWER 21 OF 24 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN  
 DUPLICATE 13

AN 2000-12656 BIOTECHDS

TI \*\*\*Mammalian\*\*\* \*\*\*serine\*\*\* - \*\*\*racemase\*\*\* preparations,  
 used to identify modulators which can be used to treat diseases  
 associated with N-methyl-D-aspartate receptor overactivation, e.g.  
 Alzheimer's disease;  
 vector-mediated gene transfer and expression in host cell

AU Snyder S H; Wolosker H; Sheth K; Masaaki T; Mothet J P; Brady Jr R O;  
 Ferris C D

PA Univ.Johns-Hopkins  
 LO Baltimore, MD, USA.

PI WO 2000043526 27 Jul 2000

AI WO 2000-US938 18 Jan 2000

PRAI US 1999-145953 28 Jul 1999; US 1999-116333 19 Jan 1999

DT Patent  
 LA English  
 OS WPI: 2000-482915 [42]

L3 ANSWER 22 OF 24 MEDLINE on STN DUPLICATE 14

AN 2001076984 MEDLINE

DN PubMed ID: 11054547

TI \*\*\*Human\*\*\* \*\*\*serine\*\*\* \*\*\*racemase\*\*\* : molecular cloning,  
 genomic organization and functional analysis.

AU De Miranda J; Santoro A; Engelender S; Wolosker H

CS Departamento de Bioquimica Medica, Instituto de Ciencias Biomedicas, RJ  
 21491-590, Rio de Janeiro, Brazil.

SO Gene, (2000 Oct 3) 256 (1-2) 183-8.  
 Journal code: 7706761. ISSN: 0378-1119.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AF169974

EM 200101

ED Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20010111

L3 ANSWER 23 OF 24 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN

AN 2001:108925 BIOSIS  
DN PREV200100108925  
TI \*\*\*Serine\*\*\* \*\*\*racemase\*\*\* knockout and transgenic \*\*\*mice\*\*\*  
AU Kim, P. M. [Reprint author]; Saiardi, A.; Snyder, S. H.  
CS Johns Hopkins University, School of Medicine, Baltimore, MD, USA  
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract  
No.-619.16. print.  
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 28 Feb 2001  
Last Updated on STN: 15 Feb 2002

L3 ANSWER 24 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:765573 HCAPLUS  
DN 132:75231  
TI Serine racemase: a glial enzyme synthesizing D-serine to regulate  
glutamate-N-methyl-D-aspartate neurotransmission  
AU Wolosker, Herman; Blackshaw, Seth; Snyder, Solomon H.  
CS Departments of Neuroscience, Pharmacology and Molecular Sciences, and  
Psychiatry, School of Medicine, The Johns Hopkins University, Baltimore,  
MD, 21205, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1999), 96(23), 13409-13414  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English  
RE.CNT 31 . THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS HIS

(FILE 'HOME' ENTERED AT 15:47:00 ON 21 APR 2005)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 15:47:15 ON 21 APR 2005

L1 454 S SERINE (3W) RACEMASE  
L2 87 S L1 (5A) (MAMMALIAN OR HUMAN OR RAT OR MOUSE OR MURINE)  
L3 24 DUP REM L2 (63 DUPLICATES REMOVED)

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	42.86	43.07

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 15:52:17 ON 21 APR 2005